



SEQUENCE LISTING

<110> Bott, Richard R.  
Clarkson, Kathleen A.  
Fowler, Timothy  
Liu, Chung-Cheng  
Ward, Michael  
Xia, Hai-Ying

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<141> 2001-09-17

<150> US 08/559,958  
<151> 1995-11-17

<150> US 60/005,701  
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Ser Ser Lys Ala Glu Lys Asn Ala Asp Val Asn Arg Asp Gly Arg Val
 35          40          45
Asn Ser Ser Asp Val Thr Ile Leu Ser Arg Tyr Leu Ile Arg Val Ile
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Glu Lys Leu Pro Ile
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Thr Asp Asn Ala Asp Leu Asn Glu Asp Gly Arg Val Asn Ser Thr Asp
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Tyr Lys Asn
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 Thr Asp Asn Ala Asp Leu Asn Glu Asp Gly Arg Val Asn Ser Thr Asp  
 35 40 45  
 Leu Gly Ile Leu Lys Arg Tyr Ile Leu Lys Glu Ile Asp Thr Leu Pro  
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 Tyr Lys Asn Pro Gly Val Pro Ser Lys Gly Met Ala Asn Cys Asp Phe  
 65 70 75 80  
 Val Leu Gly Tyr Asp Pro Asn Val Leu Glu Val Thr Glu Val Lys Pro  
 85 90 95  
 Gly Ser Ile Ile Lys Asp Pro Asp Pro Ser Lys Ser Phe Asp Ser Ala  
 100 105 110  
 Ile Tyr Pro Asp Arg Lys Met Ile Val Phe Leu Phe Ala Glu Asp Ser  
 115 120 125  
 Gly Arg Gly Thr Tyr Ala Ile Thr Gln Asp Gly Val Phe Ala Thr Ile  
 130 135 140  
 Val Ala Thr Val Lys Ser Ala Ala Ala Pro Ile Thr Leu Leu Glu  
 145 150 155 160  
 Val Gly Ala Phe Ala Asp Asn Asp Leu Val Glu Ile Ser Thr Thr Phe  
 165 170 175  
 Val Ala Gly Gly Val Asn Leu Gly Ser Ser Val Pro Thr Thr Gln Pro  
 180 185 190  
 Asn Val Pro Ser Asp Gly Val Val Glu Ile Gly Lys Val Thr Gly  
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 Ser Val Gly Thr Thr Val Glu Ile Pro Val Tyr Phe Arg Gly Val Pro  
 210 215 220  
 Ser Lys Gly Ile Ala Asn Cys Asp Phe Val Phe Arg Tyr Asp Pro Asn  
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 Val Leu Glu Ile Ile Gly Ile Asp Pro Gly Asp Ile Ile Val Asp Pro  
 245 250 255  
 Asn Pro Thr Lys Ser Phe Asp Thr Ala Ile Tyr Pro Asp Arg Lys Ile  
 260 265 270  
 Ile Val Phe Leu Phe Ala Glu Asp Ser Gly Thr Gly Ala Tyr Ala Ile  
 275 280 285  
 Thr Lys Asp Gly Val Phe Ala Lys Ile Arg Ala Thr Val Lys Ser Ser  
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 Ala Pro Gly Tyr Ile Thr Phe Asp Glu Val Gly Gly Phe Ala Asp Asn  
 305 310 315 320  
 Asp Leu Val Glu Gln Lys Val Ser Phe Ile Asp Gly Gly Val Asn Val  
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 Gly Asn Ala Thr Pro Thr Lys Gly Ala Thr Pro Thr Asn Thr Ala Thr  
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 Pro Thr Lys Ser Ala Thr Ala Thr Pro Thr Arg Pro Ser Val Pro Thr  
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 Tyr Asn Gly Ile Thr Ser Asn Val Lys Gly Thr Phe Val Lys Met Ser  
 450 455 460  
 Ser Ser Thr Asn Asn Ala Asp Thr Tyr Leu Glu Ile Ser Phe Thr Gly  
 465 470 475 480

Gly Thr Leu Glu Pro Gly Ala His Val Gln Ile Gln Gly Arg Phe Ala  
 485 490 495  
 Lys Asn Asp Trp Ser Asn Tyr Thr Gln Ser Asn Asp Tyr Ser Phe Lys  
 500 505 510  
 Ser Ala Ser Gln Phe Val Glu Trp Asp Gln Val Thr Ala Tyr Leu Asn  
 515 520 525  
 Gly Val Leu Val Trp Gly Lys Glu Pro Gly Gly Ser Val Val Pro Ser  
 530 535 540  
 Thr Gln Pro Val Thr Thr Pro Pro Ala Thr Thr Lys Pro Pro Ala Thr  
 545 550 555 560  
 Thr Lys Pro Pro Ala Thr Thr Ile Pro Pro Ser Asp Asp Pro Asn Ala  
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 Arg Ile Val Thr Asp  
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